Title (en)

Painting method for a ship hull block or the like

Title (de)

Verfahren zur Lackierung von Schiffsrumpfstrukturen oder dergleichen

Title (fr)

Procédé pour peintre des structures de coque de navire ou des objets similaires

Publication

EP 0633069 B1 19980923 (EN)

Application

EP 93110942 A 19930708

Priority

• EP 93110942 A 19930708
• JP 3731392 A 19920128

Abstract (en)

[origin: EP0633069A1] The painting method comprises a baking process in which electrostatic painting powder is scattered uniformly on both surfaces of a steel plate, which is subjected to shop primer painting or chemical conversion coating treatment after being shotblasted or pickled, the unnecessary portions of scattered electrostatic painting powder on the steel plate is removed by means of a suction nozzle moving under numerical control, and thereafter the scattered electrostatic painting powder on both surfaces of the steel plate is baked by the high-frequency baking method; an intermediate assembly block process in which the baked steel plate is cut into a predetermined shape under numerical control, and a related steel plate is welded to the unpainted portion to form an intermediate assembly block; a major assembly block process in which a plurality of intermediate assembly blocks are welded to each other to form a major assembly block; and an integrated assembly block process in which the major assembly block is subjected to secondary surface treatment by pickling, and thereafter secondary painting is performed on the major assembly block before forming an integrated assembly block.

IPC 1-7

B05D 1/06; B63B 59/00

IPC 8 full level

B05D 1/06 (2006.01); **B05D 1/36** (2006.01); **B05D 3/02** (2006.01); **B05D 3/04** (2006.01); **B05D 3/10** (2006.01); **B05D 3/12** (2006.01); **B05D 7/14** (2006.01); **B23K 9/00** (2006.01); **B63B 9/00** (2006.01); **B63B 59/00** (2006.01)

CPC (source: EP)

B05D 1/06 (2013.01); **B05D 3/042** (2013.01); **B63B 59/00** (2013.01)

Cited by

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Designated contracting state (EPC)

DE DK ES FR IT

DOCDB simple family (publication)

EP 0633069 A1 19950111; **EP 0633069 B1 19980923**; DE 69321223 D1 19981029; DE 69321223 T2 19990527; DK 0633069 T3 19990614; ES 2124272 T3 19990201; JP 2999052 B2 20000117; JP H05200359 A 19930810

DOCDB simple family (application)

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